

Appln No. 10/632,561

Amend. In Resp. to Off. Act. of Feb. 13, 2006

UTILITY

Docket No. JK01243

Amendments to the Specification:

Please replace Paragraph 0025 (filed August 15, 2005), with the following rewritten paragraph:

--[0025] With reference to FIG. 2, an optical alignment system 202 includes a support device. In a preferred embodiment of the invention, the support device is a splitter 220 included on the table saw 200. In further embodiments, the support device may be a riving knife, a mounting for attachment to a ceiling (over the saw), an over arm guard (i.e., one mounted remotely from the work area extending to cover the saw blade, such as a generally U-shaped arm and plastic guard assembly) or the like for positioning the system with respect to the kerf of the blade. Referring generally to FIG. 3 and specifically to FIG. 4, utilization of a riving knife or splitter (i.e. a back splitter) may be preferable inasmuch as these support devices may be coupled with the beveling mechanism of the saw. For instance, a splitter 410 (including associated linkages 430, 432) is fixedly connected to the saw's arbor mounting 434 so that the optical alignment system bevels with the saw blade 404. Referring to FIG. 2, thus, the optical alignment system may bevel with the saw blade 204 to ensure proper visual indication when a bevel cut is desired. Referring to FIG. 5, an optical alignment system mounted to a splitter may be disposed to project the first and second optical indicators 522 and 524 224 through a clear plastic guard. ~~(Which may be additionally observed in FIG. 2 as references 222 and 224.)~~ Alternatively, the optical indicators may be projected through an opening on the front of the guard 536 included on the splitter 520, the opening formed between the sides 522 and 524 of the guard 536.--

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Please replace Paragraph 0027 (filed August 15, 2005), with the following rewritten paragraph:

--[0027] Referring to FIGS. 6 through 8, in exemplary embodiments, individual optical emitting devices (two devices are shown, 638 and 640) are disposed in a mounting assembly for permitting variable positioning of the projected light beam. For example, the optical alignment system may include a bracket 642 for accepting the pair of light emitting devices 638 and 640 (individually disposed in a mounting assembly). As may be seen in FIG. 7 and 8, a mounting assembly 744, 844 may be configured to allow lateral alignment (with respect to a side of a kerf), rotational alignment (position of the indicator with respect to the general direction in which the workpiece enters into engagement with the saw blade), and lateral micro alignment (is the visual indicator skewed from alignment with a side of the kerf). A mounting assembly 744, 844 including lateral alignment, rotational alignment, and lateral micro alignment capabilities may permit variable positioning of the projected light beam. In a further example, a user may laterally adjust the optical emitters to accommodate a blade with a wider kerf, such as a blade with carbide teeth.--